

GenCore version 5.1.3
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OM protein - nucleic search, using frame_plus_p2n model

Run on: December 9, 2002, 05:32:29 ; Search time 27.4286 Seconds
(without alignments)
55.905 Million cell updates/sec

Title: CLAIM29
Sequence: 1 1.I.XXL 5

Scoring table: BLDSUM62DX
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Ygapop 10.0 ' Ygapext 0.5
Fgapop 6.0 ' Fgapext 7.0
Dgapop 6.0 ' Dgapext 7.0

Se: 'ed: 441362 seqs, 153338381 residues
TOL.: number of hits satisfying chosen parameters: 882724

Minimum DB seq length: 0
Maximum DB seq length: 2000000000
Post-processing: Maximum Match 0%
Maximum Match 100%
Listing first 50 summaries

Command line parameters:
-MODEL=frame+plus.model -DEV=1xp
-O=/cgn2_1/USPTO_spool/SAKALARIS142/runat_04122002_132713_29729/app-query.fasta_2.1194
-Db=ISSUED_PATENTS_NA -QMT=FASTP -SUFIX=rni -MINMATCH=0 1 -LOOPCL=0
-LOOPEXT=0 -UNITS=bits -START=1 -END=1 -MATRIX=blossom62DX -TRANS=human40.cdi
-LIST=-DOCALLIGN=200 -THR SCORE=PCT -THR MAX=100 -THR MIN=0 -ALIGN=50
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-USER=SAKALARIS142 -@GN_2-2-37-@runat_04122002_132713_29729 -NCPU=6 -ICPU=3
-NO_XLNPY -NO_NMAP -LARGEST=50 -SCORE=0 -WAIT -LONGLOG -DEV TIMEOUT=120
-WARN TIMEOUT=30 -TREADS=1 -XGAPOP=10 -XGAPEXT=0.5 -FGAPEXT=7
-YGAPO=10 -YGAPEXT=0.5 -DELEXT=7

RESULT 1
US-08-182-968A-279
; Sequence 279, Application US/08182968A

GENERIC INFORMATION:
; PATENT NO. 5610054
; APPLICANT: Draper, Kenneth G.
; METHOD AND REAGENT FOR
; TITLE OF INVENTION: INHIBITING HEPATITIS C
; INHIBITING HEPATITIS C
; TITLE OF INVENTION: VIRUS REPLICATION
; NUMBER OF SEQUENCES: 497
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071-2066
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: Word Perfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/182-968A
; FILING DATE: 13-JANUARY-1994
; PRIORITY APPLICATION DATA:
; APPLICATION NUMBER: 07/882,888
; FILING DATE: 14-MAY-1992
; ATTORNEY/AGENT INFORMATION:

Issued Patents_NA.*
1: /cgn2_6/ptodata/1/ina/5A_COMB.seq.*
2: /cgn2_6/ptodata/1/ina/5B_COMB.seq.*
3: /cgn2_6/ptodata/1/ina/6A_COMB.seq.*
4: /cgn2_6/ptodata/1/ina/6B_COMB.seq.*
5: /cgn2_6/ptodata/1/ina/PCUTS_Comb.seq.*
6: /cgn2_6/ptodata/1/ina/backfile1.seq.*

1
Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query	Match	Length	DB	ID	Description
1	14	100.0	15	1	08-08-182-968A-279	Sequence 279, App	Sequence 279, App
c 2	14	100.0	15	1	08-08-182-968A-294	Sequence 83, App	Sequence 294, App
c 3	14	100.0	15	1	08-08-319-492B-83	Sequence 107, App	Sequence 107, App
c 4	14	100.0	15	1	08-08-291-932A-107	Sequence 533, App	Sequence 533, App
c 5	14	100.0	15	1	08-08-334-847-533	Sequence 48, App	Sequence 48, App
c 6	14	100.0	15	1	08-08-294-424-48	Sequence 135, App	Sequence 135, App
c 7	14	100.0	15	1	08-08-311-496C-135	Sequence 660, App	Sequence 660, App
c 8	14	100.0	15	1	08-08-311-486C-660	Sequence 749, App	Sequence 749, App
c 9	14	100.0	15	1	08-08-311-486C-749	Sequence 758, App	Sequence 758, App
c 10	14	100.0	15	1	08-08-311-486C-758	Sequence 102, App	Sequence 102, App
c 11	14	100.0	15	2	08-08-292-620A-102	Sequence 308, App	Sequence 308, App
c 12	14	100.0	15	2	08-08-292-620A-308		

Best Local Similarity: 60.00% Mismatches: 0 1 LeuLeu*****Leu 5
 Query Match: 100.00% Index: 0 11111111111111111111
 DB: 1 0 Gaps: 0 0
 CLA1M29 (1-5) x US-08-291-932A-107 (1-15)

RESULT 4
 QY 1 LeuLeu*****Leu 5
 US-08-291-932A-107/c
 ; Sequence 107, Application US/08291932A
 ; Patent No. 5658780

GENERAL INFORMATION:
 ; APPLICANT: Stinchcomb, Dan T.
 ; APPLICANT: Draper, Kenneth G.
 ; APPLICANT: Mswiggen, James
 ; TITLE OF INVENTION: RIBOZYME TREATMENT OF
 ; DISEASES OR CONDITIONS
 ; RELATED TO LEVELS OF
 ; TITLE OF INVENTION: NF-KB
 ; NUMBER OF SEQUENCES: 830
 ; CORRESPONDENCE ADDRESS:
 ; ADDRESSEE: Lyon & Lyon
 ; STREET: 633 West Fifth Street
 ; STREET: Suite 4700
 ; CITY: Los Angeles
 ; STATE: California
 ; COUNTRY: U.S.A.
 ; ZIP: 90071-2066

COMPUTER READABLE FORM:
 MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
 MEDIUM TYPE: storage
 COMPUTER: IBM Compatible
 OPERATING SYSTEM: IBM P.C. DOS 5.0
 SOFTWARE: Word Perfect 5.1

CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/08/291-932A
 FILING DATE: August 15, 1994
 CLASSIFICATION: 514
 PRIOR APPLICATION DATA:
 PRIOR APPLICATION DATA: including application
 PRIOR APPLICATION NUMBER: 08/245,166
 APPLICATION NUMBER: 08/291,932A
 FILING DATE: May 18, 1994
 APPLICATION NUMBER: 07/987,132
 FILING DATE: December 7, 1992
 ATTORNEY/AGENT INFORMATION:
 NAME: Warburg, Richard J.
 REGISTRATION NUMBER: 32,327
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: (213) 489-1600
 TELEFAX: (213) 955-0440
 INFORMATION FOR SEQ ID NO: 107:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 15 base pairs
 TYPE: nucleic acid
 STRANDEDNESS: single
 TOPOLOGY: linear
 US-08-291-932A-107

Alignment Scores:
 Pred. No.: 2.42e+03 Length: 15
 Score: 14.00 Matches: 15
 Percent Similarity: 100.00% Conservative: 3
 Best Local Similarity: 60.00% Mismatches: 0
 Query Match: 100.00% Index: 0
 DB: 1 Gaps: 0
 CLA1M29 (1-5) x US-08-291-932A-107 (1-15)

RESULT 5
 QY 1 LeuLeu*****Leu 5
 US-08-344-847-533/c
 ; Sequence 533, Application US/08334847
 ; Patent No. 5693532
 GENERAL INFORMATION:
 ; APPLICANT: Mswiggen, James
 ; APPLICANT: Draper, Kenneth
 ; APPLICANT: Pavco, Pam
 ; APPLICANT: Woolf, Tod
 ; TITLE OF INVENTION: METHOD AND REAGENT FOR
 ; INHIBITING RESPIRATORY
 ; SYNCTIAL VIRUS
 ; NUMBER OF SEQUENCES: 909
 ; CORRESPONDENCE ADDRESS:
 ; ADDRESSEE: Lyon & Lyon
 ; STREET: 633 West Fifth Street
 ; STREET: Suite 4700
 ; CITY: Los Angeles
 ; STATE: California
 ; COUNTRY: U.S.A.
 ; ZIP: 90071-2066

COMPUTER READABLE FORM:
 MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
 MEDIUM TYPE: storage
 COMPUTER: IBM Compatible
 OPERATING SYSTEM: IBM P.C. DOS 5.0
 SOFTWARE: Word Perfect 5.1

CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/08/334-847
 FILING DATE: No. 5693532ember 4, 1994
 PRIOR APPLICATION DATA:
 APPLICATION NUMBER:
 FILING DATE:
 ATTORNEY/AGENT INFORMATION:
 NAME: Warburg, Richard J.
 REGISTRATION NUMBER: 32,327
 REFERENCE/DOCKET NUMBER: 209/032
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: (213) 489-1600
 TELEFAX: (213) 955-0440
 TELEX: 67-3510
 INFORMATION FOR SEQ ID NO: 533:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 15 base pairs
 TYPE: nucleic acid
 STRANDEDNESS: single
 TOPOLOGY: linear
 US-08-344-847-533

Alignment Scores:
 Pred. No.: 2.42e+03 Length: 15
 Score: 14.00 Matches: 15
 Percent Similarity: 100.00% Conservative: 3
 Best Local Similarity: 60.00% Mismatches: 0
 Query Match: 100.00% Index: 0
 DB: 1 Gaps: 0
 CLA1M29 (1-5) x US-08-334-847-533 (1-15)

QY 1 LeuLeu*****Leu 5
 US-08-294-424-48/c
 ; Sequence 48, Application US/08294424
 ; Patent No. 5800984
 ; GENERAL INFORMATION:

APPLICANT: Vary, Calvin
 TITLE OF INVENTION: NUCLEIC ACID SEQUENCE DETECTION BY
 TITLE OF INVENTION: TRIPLE HELIX FORMATION
 NUMBER OF SEQUENCES: 49
 CORRESPONDENCE ADDRESS:
 ADDRESSEE: Fish & Richardson
 STREET: 225 Franklin Street
 CITY: Boston
 STATE: Massachusetts
 COUNTRY: U.S.A.
 ZIP: 02110-2804
 COMPUTER READABLE FORM:
 MEDIUM TYPE: 3.5" Disquette, 1.44 Mb storage
 COMPUTER: IBM PS/2 Model 502 or 55SX
 OPERATING SYSTEM: IBM P.C. DOS (Version 3.30)
 SOFTWARE: Wordperfect (Version 5.0)
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/08/294,424
 FILING DATE:
 CLASSIFICATION: 435
 PRIOR APPLICATION DATA:
 APPLICATION NUMBER: US/08/000,922
 FILING DATE: 16 JAN 1993
 APPLICATION NUMBER: US/07/629,601B
 FILING DATE: 17-DEC-1990
 ATTORNEY/AGENT INFORMATION:
 NAME: Freeman, John W.
 REGISTRATION NUMBER: 29,066
 REFERENCE/DOCKET NUMBER: 00088-037001
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: (617) 542-5070
 TELEFAX: (617) 542-8906
 TELEX: 200154
 INFORMATION FOR SEQ ID NO: 48 :
 SEQUENCE CHARACTERISTICS:
 LENGTH: 15
 TYPE: nucleic acid
 STRANDEDNESS: single
 TOPOLOGY: linear
 S-08-294-424-48

Alignment Scores:

Score: 2.42e+03	Length: 15
Match: 14.00	Matches: 3
+	Conservative: 2
+	Mismatches: 0
+	Indels: 0
+	Gaps: 0

LAIM29 (1-5) x US-08-294-424-48 (1-15)

y	1 LeuLeu*****Leu 5
11111:::111	
b	15 CTCCCTTCCTCCCTC 1

RESULT 7

S-08-311-486C-135/C
 Sequence 135, Application US/08311486C
 Patent No. 5811300

GENERAL INFORMATION:

APPLICANT: Sean Sullivan
APPLICANT: Kenneth Draper
APPLICANT: Kevin Kisich
APPLICANT: Dan T. Stinchcomb
APPLICANT: James McSwiggen
TITLE OF INVENTION: RIBOZYME TREATMENT OF TITLE OF INVENTION: RELATED TO LEVELS OF TITLE OF INVENTION: TNF-, NUMBER OF SEQUENCES: 1,157
CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon STREET: 633 West 57th Street

STREET: Suite 4700
 CITY: Los Angeles
 STATE: California
 COUNTY: U.S.A.
 ZIP: 90071-2066
 COMPUTER READABLE FORM:
 MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
 MEDIUM TYPE: Storage
 COMPUTER: IBM Compatible
 OPERATING SYSTEM: IBM P.C. DOS 5.0
 SOFTWARE: Word Perfect 5.1
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/08/311,486C
 FILING DATE: September 23, 1994
 CLASSIFICATION: 435
 PRIORITY APPLICATION DATA: including application
 PRIORITY APPLICATION DATA: including application
 APPLICATION NUMBER: 08/008,895
 FILING DATE: January 10, 1993
 APPLICATION NUMBER: 07/989,849
 FILING DATE: December 7, 1992
 ATTORNEY/AGENT INFORMATION:
 NAME: Warburg, Richard J.
 REGISTRATION NUMBER: 32,327
 REFERENCE/DOCKET NUMBER: 209/166
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: (213) 489-1600
 TELEFAX: (213) 955-0440
 TELEX: 67-3510
 INFORMATION FOR SEQ ID NO: 135:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 15 base pairs
 TYPE: nucleic acid
 STRANDEDNESS: single
 TOPOLOGY: linear
 US-08-311-486C-135
 CLAIM29 (1-5) x US-08-311-486C-135 (1-15)
 Alignment Scores:
 Pred. No.: 2.42e+03
 Score: 14.00
 Percent Similarity: 100.00%
 Best Local Similarity: 60.00%
 Query Match: 100.00%
 DB: 1
 DB:
 QY 1 LeuLeu*****Leu 5
 |||||:|||||:
 DB 15 TGGCTAAAGTCCTA 1
 RESULT 8
 US-08-311-486C-660/C
 ; Sequence 660, Application US/08/311,486C
 ; Patent No. 5811300
 ; GENERAL INFORMATION:
 ; APPLICANT: Sean Sullivan
 ; APPLICANT: Kenneth Draper
 ; APPLICANT: Kevin Kisich
 ; APPLICANT: Dan T. Stinchcomb
 ; APPLICANT: James McSwiggen
 ; TITLE OF INVENTION: RIBOZYME TREATMENT
 ; TITLE OF INVENTION: DISEASES OR CONDITIONS
 ; TITLE OF INVENTION: RELATED TO LEVELS
 ; TITLE OF INVENTION: TNF-
 ; NUMBER OF SEQUENCES: 1157
 ; CORRESPONDENCE ADDRESS:
 ; STREET: Lyon & Lyon
 ; STREET: 633 West Fifth Street
 ; STREET: Suite 4700
 ; CITY: Los Angeles
 ; STATE: California

COUNTRY: U.S.A.
 ZIP: 90071-2066
 COMPUTER READABLE FORM:
 MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
 COMPUTER: IBM Compatible
 OPERATING SYSTEM: IBM P.C., DOS 5.0
 SOFTWARE: Word Perfect 5.1
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/08/311,486C
 FILING DATE: September 23, 1994
 CLASSIFICATION: 435
 PRIORITY APPLICATION DATA:
 PRIORITY APPLICATION DATA: including application two
 PRIORITY APPLICATION DATA: described below:
 APPLICATION NUMBER: 08/008,895
 FILING DATE: January 19, 1993
 APPLICATION NUMBER: 07/989,849
 FILING DATE: December 7, 1992
 ATTORNEY/AGENT: INFORMATION:
 NAME: Warburg, Richard J.
 REGISTRATION NUMBER: 32,327
 REFERENCE/DOCKET NUMBER: 209/166
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: (213) 489-1600
 TELEFAX: (213) 955-0440
 TELEX: 67-3510
 INFORMATION FOR SEQ ID NO: 660:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 15 base pairs
 TYPE: nucleic acid
 STRANDEDNESS: single
 STRANDEDNESS: linear
 US-08-311-486C-660

Alignment Scores:
 Pred. No.: 2,42e+03 Length: 15
 Score: 14.00 Matches: 3
 Percent Similarity: 100.00% Conservative: 2
 Best Local Similarity: 60.00% Mismatches: 0
 Query Match: 100.00% Indels: 0
 DB: 1 Gaps: 0

CLAIM29 (1-5) x US-08-311-486C-660 (1-15)

Qy 1 LeuLeu*****Leu 5
 Db 15 TTGTGAAAGCTCTG 1

REF T 9
 U; 311-486C-749
 Sequence 749, Application US/08311486C
 GENERAL INFORMATION:
 Patent No. 5811300
 APPLICANT: Sean Sullivan
 APPLICANT: Kenneth Draper
 APPLICANT: Kevin Kisch
 APPLICANT: Dan T. Stinchcomb
 APPLICANT: James McSwiggen
 TITLE OF INVENTION: RIBOZYME TREATMENT OF
 TITLE OF INVENTION: DISEASES OR CONDITIONS
 TITLE OF INVENTION: RELATED TO LEVELS OF
 TITLE OF INVENTION: TNF-
 NUMBER OF SEQUENCES: 1157
 CORRESPONDENCE ADDRESS:
 ADDRESSEE: Lyon & Lyon
 STREET: 633 West Fifth Street
 CITY: Los Angeles
 STATE: California
 COUNTRY: U.S.A.
 ZIP: 90071-2066
 COMPUTER READABLE FORM:
 MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
 COMPUTER: IBM Compatible

MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
 COMPUTER: IBM Compatible
 OPERATING SYSTEM: IBM P.C., DOS 5.0
 SOFTWARE: Word Perfect 5.1
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/08/311,486C
 FILING DATE: September 23, 1994
 CLASSIFICATION: 435
 PRIORITY APPLICATION DATA:
 PRIORITY APPLICATION DATA: including application Lwo
 APPLICATION NUMBER: 08/008,895
 FILING DATE: January 19, 1993
 APPLICATION NUMBER: 07/989,849
 FILING DATE: December 7, 1992
 ATTORNEY/AGENT: INFORMATION:
 NAME: Warburg, Richard J.
 REGISTRATION NUMBER: 32,327
 REFERENCE/DOCKET NUMBER: 209/166
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: (213) 489-1600
 TELEFAX: (213) 955-0440
 TELEX: 67-3510
 INFORMATION FOR SEQ ID NO: 749:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 15 base pairs
 TYPE: nucleic acid
 STRANDEDNESS: single
 TOPOLOGY: linear
 US-08-311-486C-749

Alignment Scores:
 Pred. No.: 2,42e+03 Length: 15
 Score: 14.00 Matches: 3
 Percent Similarity: 100.00% Conservative: 2
 Best Local Similarity: 60.00% Mismatches: 0
 Query Match: 100.00% Indels: 0
 DB: 1 Gaps: 0

CLAIM29 (1-5) x US-08-311-486C-749 (1-15)

Qy 1 LeuLeu*****Leu 5
 Db 1 CUCUCUUCUUCUA 15

RESULT 10
 US-08-311-486C-758/C
 Sequence 758, Application US/08311486C
 Patent No. 5811300
 GENERAL INFORMATION:
 APPLICANT: Sean Sullivan
 APPLICANT: Kenneth Draper
 APPLICANT: Kevin Kisch
 APPLICANT: Dan T. Stinchcomb
 APPLICANT: James McSwiggen
 TITLE OF INVENTION: RIBOZYME TREATMENT OF
 TITLE OF INVENTION: DISEASES OR CONDITIONS
 TITLE OF INVENTION: RELATED TO LEVELS OF
 NUMBER OF SEQUENCES: 1157
 CORRESPONDENCE ADDRESS:
 ADDRESSEE: Lyon & Lyon
 STREET: 633 West Fifth Street
 CITY: Los Angeles
 STATE: California
 COUNTRY: U.S.A.
 ZIP: 90071-2066
 COMPUTER READABLE FORM:
 MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
 COMPUTER: IBM Compatible


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; INFORMATION FOR SEQ ID NO: 142:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 15 bases
; TYPE: nucleic acid
; STRANDEDNESS: single stranded
; TOPOLOGY: linear
; MOLECULE TYPE: other nucleic acid
; DESCRIPTION: third strand derived from Hepatitis B
; HYPOTHETICAL: isolate adr sequence region in Seq ID No. 5861244141
; ANTI-SENSE: no
; PUBLICATION INFORMATION:
; RELEVANT RESIDUES IN SEQ ID NO: 142 :FROM 1 TO 15
; US-08-173-489C-142

; STRANDEDNESS: single
; TOPOLOGY: linear
; US-08-774-306A-279

Alignment Scores:
Pred. No.: 2.42e+03 Length: 15
Score: 14.00
Pred. No.: 2.42e+03 Length: 15
Score: 14.00
Percent Similarity: 100.00%
Best Local Similarity: 60.00%
Query Match: 100.00%
DB: 2
Gaps: 0

; CLAIM29 (1-5) x US-08-774-306A-279 (1-15)

Qy 1 LeuIeu*****Leu 5
      |||||:::|||I
Db 1 CUGCGUAGAGGCUA 15

; CLAIM29 (1-5) x US-08-173-489C-142 (1-15)

Qy 1 LeuIeu*****Leu 5
      |||||:::|||I
Db 1 CTCCTTCCTCCCTC 15

; RESULT 15
; Sequence 279, Application US/08774306A
; Patent No. 5869253
; GENERAL INFORMATION:
; APPLICANT: Draper, Kenneth G.
; TITLE OF INVENTION: METHOD AND REAGENT FOR
; INHIBITING HEPATITIS C
; TITLE OF INVENTION: VIRUS REPLICATION
; NUMBER OF SEQUENCES: 497
; CORRESPONDENCE ADDRESS:
; ADDRESS: Lyon & Lyon
; STREET: 633 West Fifth Street
; STREET: Suite 4700
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071-2066
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: Word Perfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/774-306A
; FILING DATE: December 26, 1996
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/182,968
; FILING DATE: January 13, 1994
; APPLICATION NUMBER: 07/882,888
; FILING DATE: May 14, 1992
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard J.
; REGISTRATION NUMBER: 32,327
; FILING DATE: January 13, 1994
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 294:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 15
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; US-08-774-306A-294

Alignment Scores:
Pred. No.: 2.42e+03 Length: 15
Score: 14.00
Percent Similarity: 100.00%
Best Local Similarity: 60.00%
Query Match: 100.00%
DB: 2
Gaps: 0

; CLAIM29 (1-5) x US-08-774-306A-279 (1-15)

Qy 1 LeuIeu*****Leu 5
      |||||:::|||I
Db 1 CUGCGUAGAGGCUA 15

; CLAIM29 (1-5) x US-08-173-489C-142 (1-15)

Qy 1 LeuIeu*****Leu 5
      |||||:::|||I
Db 1 CTCCTTCCTCCCTC 15

; RESULT 15
; Sequence 279, Application US/08774306A
; Patent No. 5869253
; GENERAL INFORMATION:
; APPLICANT: Draper, Kenneth G.
; TITLE OF INVENTION: METHOD AND REAGENT FOR
; INHIBITING HEPATITIS C
; TITLE OF INVENTION: VIRUS REPLICATION
; NUMBER OF SEQUENCES: 497
; CORRESPONDENCE ADDRESS:
; ADDRESS: Lyon & Lyon
; STREET: 633 West Fifth Street
; STREET: Suite 4700
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071-2066
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: Word Perfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/774-306A
; FILING DATE: December 26, 1996
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/182,968
; FILING DATE: January 13, 1994
; APPLICATION NUMBER: 07/882,888
; FILING DATE: May 14, 1992
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard J.
; REGISTRATION NUMBER: 32,327
; FILING DATE: January 13, 1994
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 294:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 15
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; US-08-774-306A-294

Alignment Scores:
Pred. No.: 2.42e+03 Length: 15
Score: 14.00
Percent Similarity: 100.00%
Best Local Similarity: 60.00%
Query Match: 100.00%
DB: 2
Gaps: 0

```

GENERAL INFORMATION:

APPLICANT: Stinchcomb, Daniel T.

APPLICANT: Jarvis, Thale

APPLICANT: McSwiggen, James

TITLE OF INVENTION: METHOD AND REAGENT FOR THE INDUCTION OF GRAFT TOLERANCE AND REVERSAL OF IMMUNE RESPONSES

NUMBER OF SEQUENCES: 2751

CORRESPONDENCE ADDRESS:

ADDRESSEE: Lyon & Lyon

STREET: 633 West Fifth Street

CITY: Los Angeles

STATE: California

COUNTRY: U.S.A.

ZIP: 90071

COMPUTER READABLE FORM:

COMPUTER: IBM Compatible

OPERATING SYSTEM: IBM P.C. DOS 5.0

SOFTWARE: FASTSEQ Version 1.5

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/585 684B

FILING DATE: January 16, 1996

PRIOR APPLICATION DATA:

APPLICATION NUMBER: 60/000, 951

FILING DATE: July 7, 1995

ATTORNEY/AGENT INFORMATION:

NAME: Warburg, Richard

REGISTRATION NUMBER: 32, 327

REFERENCE/DOCKET NUMBER: 218/078

TELECOMMUNICATION INFORMATION:

TELEPHONE: (213) 489-1600

TELEFAX: (213) 955-0440

TELELEX: 67-3510

INFORMATION FOR SEQ ID NO: 701:

SEQUENCE CHARACTERISTICS:

LENGTH: 15 base pairs

TYPE: nucleic acid

STRANDEDNESS: single

TOPOLOGY: linear

US-08-585-684B-701

Alignment Scores:

Pred. No.: 2.42e+03 Length: 15

Score: 14.00 Matches: 3

Percent Similarity: 100.00% Conservative: 0

Best Local Similarity: 60.00% Mismatches: 0

Query Match: 100.00% Index: 0

DB: 2 Gaps: 0

CLATM29 (1-5) x US-08-585-684B-701 (1-15)

QY 1 LeuLeu*****Leu 5

Db 1 CUCUCUUCUGCCUG 15

RESULT 19

US-08-585-684B-702

; Sequence 702, Application US/08585684B

; Patent No. 5877021

GENERAL INFORMATION:

APPLICANT: Stinchcomb, Daniel T.

APPLICANT: Jarvis, Thale

APPLICANT: McSwiggen, James

TITLE OF INVENTION: METHOD AND REAGENT FOR THE INDUCTION OF GRAFT TOLERANCE AND REVERSAL OF IMMUNE RESPONSES

NUMBER OF SEQUENCES: 2751

CORRESPONDENCE ADDRESS:

ADDRESSEE: Lyon & Lyon

STREET: 633 West Fifth Street

CITY: Los Angeles

STATE: California

COUNTRY: U.S.A.

ZIP: 90071

COMPUTER READABLE FORM:

COMPUTER: IBM Compatible

OPERATING SYSTEM: IBM P.C. DOS 5.0

SOFTWARE: FASTSEQ Version 1.5

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/585 684B

FILING DATE: January 16, 1996

PRIOR APPLICATION DATA:

APPLICATION NUMBER: 60/000, 951

FILING DATE: July 7, 1995

ATTORNEY/AGENT INFORMATION:

NAME: Warburg, Richard

REGISTRATION NUMBER: 32, 327

REFERENCE/DOCKET NUMBER: 218/078

TELECOMMUNICATION INFORMATION:

TELEPHONE: (213) 489-1600

TELEFAX: (213) 955-0440

TELELEX: 67-3510

INFORMATION FOR SEQ ID NO: 701:

SEQUENCE CHARACTERISTICS:

LENGTH: 15 base pairs

TYPE: nucleic acid

STRANDEDNESS: single

TOPOLOGY: linear

US-08-585-684B-701

Alignment Scores:

Pred. No.: 2.42e+03 Length: 15

Score: 14.00 Matches: 3

Percent Similarity: 100.00% Conservative: 0

Best Local Similarity: 60.00% Mismatches: 0

Query Match: 100.00% Index: 0

DB: 2 Gaps: 0

CLATM29 (1-5) x US-08-585-684B-701 (1-15)

QY 1 LeuLeu*****Leu 5

Db 1 CUCUCUUCUGCCUG 15

RESULT 19

US-08-585-684B-702

; Sequence 702, Application US/08585684B

; Patent No. 5877021

GENERAL INFORMATION:

APPLICANT: Stinchcomb, Daniel T.

APPLICANT: Jarvis, Thale

APPLICANT: McSwiggen, James

TITLE OF INVENTION: METHOD AND REAGENT FOR THE INDUCTION OF GRAFT TOLERANCE AND REVERSAL OF IMMUNE RESPONSES

NUMBER OF SEQUENCES: 2751

CORRESPONDENCE ADDRESS:

ADDRESSEE: Lyon & Lyon

STREET: 633 West Fifth Street

CITY: Los Angeles

STATE: California

COUNTRY: U.S.A.

ZIP: 90071

COMPUTER READABLE FORM:

COMPUTER: IBM Compatible

OPERATING SYSTEM: IBM P.C. DOS 5.0

SOFTWARE: FASTSEQ Version 1.5

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/585 684B

FILING DATE: January 16, 1996

PRIOR APPLICATION DATA:

APPLICATION NUMBER: 60/000, 951

FILING DATE: July 7, 1995

ATTORNEY/AGENT INFORMATION:

NAME: Warburg, Richard

REGISTRATION NUMBER: 32, 327

REFERENCE/DOCKET NUMBER: 218/078

TELECOMMUNICATION INFORMATION:

TELEPHONE: (213) 489-1600

TELEFAX: (213) 955-0440

TELELEX: 67-3510

INFORMATION FOR SEQ ID NO: 17:

SEQUENCE CHARACTERISTICS:

LENGTH: 15 base pairs

TYPE: nucleic acid

STRANDEDNESS: single

TOPOLOGY: linear

US-08-585-684B-17

Alignment Scores:

Pred. No.: 2.42e+03 Length: 15

Score: 14.00 Matches: 3

Percent Similarity: 100.00% Conservative: 0

Best Local Similarity: 60.00% Mismatches: 0

Query Match: 100.00% Index: 0

DB: 2 Gaps: 0

CLATM29 (1-5) x US-08-585-684B-17 (1-15)

QY 1 LeuLeu*****Leu 5

Db 1 UGGCUUAGACUG 15

RESULT 18

US-08-585-684B-701

; Sequence 701, Application US/08585684B

; Patent No. 5877021

```

CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/585, 684B
; FILING DATE: January 16, 1996
; PRIORITY APPLICATION DATA:
; APPLICATION NUMBER: 60/000, 951
; FILING DATE: July 7, 1995
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard
; REGISTRATION NUMBER: 32, 327
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 833:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 15 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; US-08-585-684B-833

CLATM29 (1-5) x US-08-585-684B-833 (1-15)

Alignment Scores:
Pred. No.: 2.42e+03 Length: 15
Score: 14.00 Matches: 3
Percent Similarity: 100.00%
Best Local Similarity: 60.00%
Query Match: 100.00%
DB: 2 Gaps: 0
DB: 15 CTTCTGAACAGCTT 1

RESULT 21
US-08-555-684B-934/C
; Sequence 834, Application US/08585664B
; Patent No. 5877021
; GENERAL INFORMATION:
; APPLICANT: Stinchcomb, Daniel T.
; APPLICANT: Jarvis, Thale
; APPLICANT: McSwiggen, James
; TITLE OF INVENTION: METHOD AND REAGENT FOR THE
; TITLE OF INVENTION: INDUCTION OF GRAFT TOLERANCE
; TITLE OF INVENTION: AND REVERSAL OF IMMUNE RESPONSES
; NUMBER OF SEQUENCES: 2751
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; STREET: Suite 4700
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071

COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" diskette, 1.44 MB
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: FastSEQ Version 1.5

CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/585, 684B
; FILING DATE: January 16, 1996
; PRIORITY APPLICATION DATA:
; APPLICATION NUMBER: 60/000, 951
; FILING DATE: July 7, 1995
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard
; REGISTRATION NUMBER: 32, 327
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 833:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 15 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; US-08-585-684B-833

```

DB: 2 Gaps: 0

CLAIM29 (1-5) x US-08-667-939A-10 (1-15)

Qy 1 LeuLeu*****Leu 5
Db 15 CTGCTGCACTGCTC 1

RESULT 23
US-08-667-939A-11/c
Sequence 11, Application US/08667939A
; Patent No. 598166

GENERAL INFORMATION:
; APPLICANT: LUO, Shun
; TITLE OF INVENTION: CD16-II VARIANTS
; NUMBER OF SEQUENCES: 25
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: BROWDY AND NEIMARK
; STREET: 419 Seventh Street, N.W., Suite 300
; CITY: Washington
; STATE: D.C.
; COUNTRY: USA
; ZIP: 20004

COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent Release #1.0, Version #1.30

CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/667,939A
; FILING DATE: 24 JUN 1996
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/433,123
; FILING DATE: 03-MAY-1995
; ATTORNEY/AGENT INFORMATION:
; NAME: BROWDY, Roger L.
; REGISTRATION NUMBER: 25,618
; REFERENCE/DOCKET NUMBER: LUO=2A
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 202-628-5197
; TELEFAX: 202-737-3528

INFORMATION FOR SEQ ID NO: 11:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 15 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: cDNA
; US-08-667-939A-11

Alignment Scores:
Pred. No.: 2.42e+03 Length: 15
Score: 14.00 Matches: 3
Percent Similarity: 100.00% Conservative: 2
Best Local Similarity: 60.00% Mismatches: 0
Query Match: 100.00% Indels: 0
DB: 2 Gaps: 0

CLAIM29 (1-5) x US-08-585-684B-834 (1-15)

Qy 1 LeuLeu*****Leu 5
Db 15 CTCTCTGAAACAGCTT 1

RESULT 22
US-08-667-939A-10/c
Sequence 10, Application US/08667939A
; Patent No. 598166

GENERAL INFORMATION:
; APPLICANT: LUO, Shun
; TITLE OF INVENTION: CD16-II VARIANTS
; NUMBER OF SEQUENCES: 25
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: BROWDY AND NEIMARK
; STREET: 419 Seventh Street, N.W., Suite 300
; CITY: Washington
; STATE: D.C.
; COUNTRY: USA
; ZIP: 20004

COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent Release #1.0, Version #1.30

CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/667,939A
; FILING DATE: 24-JUN-1996
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/433,123
; FILING DATE: 03-MAY-1995
; ATTORNEY/AGENT INFORMATION:
; NAME: BROWDY, Roger L.
; REGISTRATION NUMBER: 25,618
; REFERENCE/DOCKET NUMBER: LUO=2A
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 202-628-5197
; TELEFAX: 202-737-3528

INFORMATION FOR SEQ ID NO: 11:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 15 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: cDNA
; US-08-667-939A-11

Alignment Scores:
Pred. No.: 2.42e+03 Length: 15
Score: 14.00 Matches: 3
Percent Similarity: 100.00% Conservative: 2
Best Local Similarity: 60.00% Mismatches: 0
Query Match: 100.00% Indels: 0
DB: 2 Gaps: 0

CLAIM29 (1-5) x US-08-667-939A-11 (1-15)

Qy 1 LeuLeu*****Leu 5
Db 15 CTGCTGCACTGCTC 1

RESULT 24
US-08-667-939A-21
Sequence 21, Application US/08667939A
; Patent No. 598166

GENERAL INFORMATION:
; APPLICANT: LUO, Shun
; TITLE OF INVENTION: CD16-II VARIANTS
; NUMBER OF SEQUENCES: 25
; CORRESPONDENCE ADDRESS:
; STREET: 419 Seventh Street, N.W., Suite 300
; CITY: Washington
; STATE: D.C.
; COUNTRY: USA
; ZIP: 20004

COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent Release #1.0, Version #1.30

CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/667,939A
; FILING DATE: 24-JUN-1996
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/433,123
; FILING DATE: 03-MAY-1995
; ATTORNEY/AGENT INFORMATION:
; NAME: BROWDY, Roger L.
; REGISTRATION NUMBER: 25,618
; REFERENCE/DOCKET NUMBER: LUO=2A
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 202-628-5197
; TELEFAX: 202-737-3528

INFORMATION FOR SEQ ID NO: 10:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 15 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: cDNA
; US-08-667-939A-10

Alignment Scores:
Pred. No.: 2.42e+03 Length: 15
Score: 14.00 Matches: 3
Percent Similarity: 100.00% Conservative: 2
Best Local Similarity: 60.00% Mismatches: 0
Query Match: 100.00% Indels: 0

ADDRESSEE: BROWDY AND NEIMARK
 STREET: 419 Seventh Street, N.W., Suite 300
 CITY: Washington
 STATE: D.C.
 COUNTRY: USA
 ZIP: 20004
 COMPUTER READABLE FORM:
 MEDIUM TYPE: Floppy disk
 COMPUTER: IBM PC compatible
 OPERATING SYSTEM: PC-DOS/MS-DOS
 SOFTWARE: Patent Release #1.0, Version #1.30
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/08/667,939A
 FILING DATE: 24-JUN-1996
 PRIOR APPLICATION DATA:
 APPLICATION NUMBER: US/08/433,123
 FILING DATE: 03-MAY-1995
 ATTORNEY/AGENT INFORMATION:
 NAME: BROWDY, Roger L.
 REGISTRATION NUMBER: 25,618
 REFERENCE/DOCKET NUMBER: LUO-2A
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: 202-624-5197
 TELEFAX: 202-737-3528
 INFORMATION FOR SEQ ID NO: 21:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 15 base pairs
 TYPE: nucleic acid
 STRANDEDNESS: single
 TOPOLOGY: linear
 MOLECULE TYPE: cDNA
 US-08-667-939A-21

Alignment Scores:
 Pred. No.: 2.42e+03 Length: 15
 Score: 14.00 Matches: 3
 Percent Similarity: 100.00% Conservative: 2
 Best Local Similarity: 60.00% Mismatches: 0
 Query Match: 100.00% Indels: 0
 DB: 2 Gaps: 0

CLAIM29 (1-5) x US-08-667-939A-21 (1-15)

Qy 1 LeuLeu*****Leu 5
 11111111111111111111
 Db 1 CTGCTGCCACTGCTC 15

RE-25
 US-08-667-939A-22
 Sequence 22: Application US/08667939A
 ; Patent No. 5998166

GENERAL INFORMATION:
 APPLICANT: LUO, Shun
 TITLE OF INVENTION: CD16-11 VARIANTS
 NUMBER OF SEQUENCES: 25
 CORRESPONDENCE ADDRESS:
 ADDRESSEE: BROWDY AND NEIMARK
 STREET: 419 Seventh Street, N.W., Suite 300
 CITY: Washington
 STATE: D.C.
 COUNTRY: USA
 ZIP: 20004

COMPUTER READABLE FORM:
 MEDIUM TYPE: Floppy disk
 COMPUTER: IBM PC compatible
 OPERATING SYSTEM: PC-DOS/MS-DOS
 SOFTWARE: Patent Release #1.0, Version #1.30
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/08/667,939A
 FILING DATE: 24-JUN-1996
 PRIOR APPLICATION DATA:
 APPLICATION NUMBER: US 08/433,123
 FILING DATE: 03-MAY-1995

ATTORNEY/AGENT INFORMATION:
 NAME: BROWDY, Roger L.
 REGISTRATION NUMBER: 25,618
 REFERENCE/DOCKET NUMBER: LUO-2A
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: 202-624-5197
 INFORMATION FOR SEQ ID NO: 22:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 15 base pairs
 TYPE: nucleic acid
 STRANDEDNESS: single
 TOPOLOGY: linear
 MOLECULE TYPE: cDNA
 US-08-667-939A-22

Alignment Scores:
 Pred. No.: 2.42e+03 Length: 15
 Score: 14.00 Matches: 3
 Percent Similarity: 100.00% Conservative: 2
 Best Local Similarity: 60.00% Mismatches: 0
 Query Match: 100.00% Indels: 0
 DB: 2 Gaps: 0

CLAIM29 (1-5) x US-08-667-939A-22 (1-15)

Qy 1 LeuLeu*****Leu 5
 11111111111111111111
 Db 1 CTGCTGCCACTGCTC 15

RESULT 26
 US-09-064-156A-279
 Sequence 279: Application US/09064156A
 Patent No. 6132566

GENERAL INFORMATION:
 APPLICANT: Draper, Kenneth G.
 TITLE OF INVENTION: METHOD AND REAGENT FOR
 INHIBITING HEPATITIS C
 TITLE OF INVENTION: VIRUS REPLICATION
 NUMBER OF SEQUENCES: 498
 CORRESPONDENCE ADDRESS:
 ADDRESSEE: Lyon & Lyon
 STREET: 633 West Fifth Street
 STREET: Suite 4700
 CITY: Los Angeles
 STATE: California
 COUNTRY: U.S.A.
 ZIP: 90071-2066

COMPUTER READABLE FORM:
 MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
 COMPUTER: IBM Compatible
 OPERATING SYSTEM: IBM P.C. DOS 5.0
 SOFTWARE: Word Perfect 5.1
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/09/064,156A
 FILING DATE: April 21, 1998
 PRIOR APPLICATION DATA:
 APPLICATION NUMBER: 08/774,306
 FILING DATE: December 26, 1996
 APPLICATION NUMBER: 08/182,966
 FILING DATE: January 13, 1994
 APPLICATION NUMBER: 07/882,888
 FILING DATE: May 14, 1992
 ATTORNEY/AGENT INFORMATION:
 NAME: Warburg, Richard J.
 REGISTRATION NUMBER: 32,327
 REFERENCE/DOCKET NUMBER: 234/083
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: (213) 489-11600
 TELEFAX: (213) 955-0440
 TELEX: 67-3510

INFORMATION FOR SEQ ID NO: 279:

SEQUENCE CHARACTERISTICS:
 LENGTH: 15
 TYPE: nucleic acid
 STRANDEDNESS: single
 TOPOLOGY: linear
 US-09-156A-279

Alignment Scores:
 Pred. No.: 2.42e+03 Score: 14.00
 1 LeuLeu****Leu 5
 |||||:::;:::;|||
 Db 1 CUCCGUGAUAGCUA 15

CLAIM29 (1-5) x US-09-064-156A-279 (1-15)

Qy 1 LeuLeu****Leu 5
 |||||:::;:::;|||
 Db 15 CTGCTTGAATGCTC 1

RESULT 28
 US-09-071-845-102/c
 Sequence 102, Application US/09071845
 Patent No. 6132967

GENERAL INFORMATION:
 APPLICANT: Susan Grimm
 APPLICANT: Dan T. Stinchcomb
 APPLICANT: James McSwiggen
 APPLICANT: Sean Sullivan
 APPLICANT: Kenneth G. Draper
 TITLE OF INVENTION: DISBYZME TREATMENT OF
 DISEASES OR CONDITIONS
 RELATED TO LEVELS OF
 INTRACELLULAR ADHESION
 TITLE OF INVENTION: MOLECULE-1 (I-CAM-1)
 NUMBER OF SEQUENCES: 2390
 CORRESPONDENCE ADDRESS:
 ADDRESSEE: Lyon & Lyon
 STREET: 633 West Fifth Street
 STREET: Suite 4700
 CITY: Los Angeles
 STATE: California
 COUNTRY: U.S.A.
 ZIP: 90071-2066
 COMPUTER READABLE FORM:
 MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
 COMPUTER: IBM Compatible
 OPERATING SYSTEM: IBM P.C., DOS 5.0
 SOFTWARE: Word Perfect 5.1
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US-09-064-156A
 FILING DATE: April 21, 1998
 PRIORITY APPLICATION DATA:
 APPLICATION NUMBER: 08/774,306
 FILING DATE: December 26, 1996
 APPLICATION NUMBER: 08/182,968
 FILING DATE: January 13, 1994
 APPLICATION NUMBER: 07/882,888
 FILING DATE: May 14, 1992
 ATTORNEY/AGENT INFORMATION:
 NAME: Warburg, Richard J.
 REGISTRATION NUMBER: 32,327
 REFERENCE/DOCKET NUMBER: 234/083
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: (213) 489-1600
 TELEFAX: (213) 955-0440
 TELEX: 67-3510
 INFORMATION FOR SEQ ID NO: 102:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 15
 TYPE: nucleic acid
 STRANDEDNESS: single
 TOPOLOGY: linear
 US-09-064-156A-294

Alignment Scores:
 Pred. No.: 2.42e+03 Length: 15
 Score: 14.00 Length: 15
 Percent Similarity: 100.00% Matches: 3
 Query Match: 100.00% Conservat: 2
 DB: 3 Indels: 0
 Gaps: 0

```

Best Local Similarity: 60.00% Mismatches: 0
Query Match: 100.00% Index: 0
DB: 3 Gaps: 0

CLAIM29 (1-5) x US-09-071-845-102 (1-15)

RESULT 29
US-09-071-845-308
; Sequence 308, Application US/09071845
; Patent No. 6132967
; GENERAL INFORMATION:
; APPLICANT: Susan Grimm
; APPLICANT: Dan T. Stinchcomb
; APPLICANT: James McSwiggen
; APPLICANT: Sean Sullivan
; APPLICANT: Kenneth G. Draper
; TITLE OF INVENTION: RIBOZYME 'TREATMENT' OF
; DISEASES OR CONDITIONS
; RELATED TO LEVELS OF
; INTRACELLULAR ADHESION
; TITLE OF INVENTION: MOLECULE-1 (I-CAM-1)
; NUMBER OF SEQUENCES: 2390
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; STREET: Suite 4700
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071-2066
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C., DOS 5.0
; SOFTWARE: Word Perfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/071,845
; FILING DATE:
; CLASSIFICATION:
; PRIORITY APPLICATION DATA:
; APPLICATION NUMBER: US/09/292,620
; FILING DATE: August 17, 1994
; APPLICATION NUMBER: 08/008,895
; FILING DATE: January 19, 1993
; APPLICATION NUMBER: 07/989,849
; FILING DATE: December 7, 1992
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard J.
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 208/149
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 308
; SEQUENCE CHARACTERISTICS:
; LENGTH: 15 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; US-09-071-845-308

Alignment Scores:
Pred. No.: 2.42e+03
Score: 14.00
Percent Similarity: 100.00%
Best Local Similarity: 100.00%
Query Match: 100.00%
Length: 3
Matches: 3
Conservative: 2
Mismatch: 0
Indels: 0

```

DB: CLAIM29 (1-5) x US-09-071-845-308 (1-15) Gaps: 3

QY 1 LeuLeu*****Leu 5

Db 1 CUCGCGGCGGUGG 15

RESULT 30

US-09-071-845-466/c

Sequence 466, Application US/09071845

Patent No. 6132967

GENERAL INFORMATION:

APPLICANT: Susan Grimm
APPLICANT: Dan T. Stinchcomb
APPLICANT: James McSweeney
APPLICANT: Sean Sullivan
APPLICANT: Kenneth G. Draper

TITLE OF INVENTION: RITOXIME TREATMENT OF DISEASES OR CONDITIONS RELATED TO LEVELS OF INTRACELLULAR ADHESION MOLECULE-1 (I-CAM-1)

NUMBER OF SEQUENCES: 2390

CORRESPONDENCE ADDRESS:

ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
SUITE: Suite 4700
CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.
ZIP: 90017-2066

COMPUTER READABLE FORM:

MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: storage
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: Word Perfect 5.1

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/09/071, 845
FILING DATE:

CLASSIFICATION:

PRIOR APPLICATION DATA:

APPLICATION NUMBER: US/08/792, 620
FILING DATE: August 17, 1994
APPLICATION NUMBER: 08/008, 895
FILING DATE: January 19, 1993
APPLICATION NUMBER: 07/989, 849
FILING DATE: December 7, 1992
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard J.
REGISTRATION NUMBER: 32,322
REFERENCE/DOCKET NUMBER: 208/149
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1610
TELEFAX: (213) 955-0440
TELEX: 67-3510

INFORMATION FOR SEQ ID NO: 466:

SEQUENCE CHARACTERISTICS:
LENGTH: 15 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear

US-09-071-845-466

Alignment Scores:
Pred. No.: 2.42e+03
Score: 14.00

Length: 3
Matches: 3
Conservative: 0
Mismatches: 0
Indels: 0
Gaps: 3

Percent Similarity: 100.00%
Best Local Similarity: 60.00%
Query Match: 100.00%
DB: 3

CLAIM29 (1-5) x US-09-071-845-466 (1-15)

Qy 1 LeuLeu*****Leu 5
Db 15 CTGCTGAGACCCCTC 1

RESULT 31
US-09-038-073-17

Sequence 17, Application US/09038073

Patent No. 6194150

GENERAL INFORMATION:

APPLICANT: Stinchcomb, Daniel T.

APPLICANT: Jarvis, Thale

APPLICANT: McSwiggen, James

TITLE OF INVENTION: METHOD AND REAGENT FOR THE INDUCTION OF GRAFT TOLERANCE

TITLE OF INVENTION: INDUCTION OF GRAFT TOLERANCE

TITLE OF INVENTION: AND REVERSAL OF IMMUNE RESPONSES

NUMBER OF SEQUENCES: 2751

CORRESPONDENCE ADDRESS:

ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
STREET: Suite 4700
CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.

ZIP: 90071

COMPUTER READABLE FORM:

MEDIUM TYPE: 3.5" Diskette, 1.44 Mb

MEDIUM TYPE: storage

COMPUTER: IBM Compatible

OPERATING SYSTEM: IBM P.C. DOS 5.0

OPERATING SYSTEM: IBM P.C. DOS 5.0

SOFTWARE: FastSEQ Version 1.5

SOFTWARE: FastSEQ Version 1.5

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/09/038,073

FILING DATE:

APPLICATION NUMBER: US/09/038,073

PRIOR APPLICATION DATA:

APPLICATION NUMBER: 08/585,684

FILING DATE:

ATTORNEY/AGENT INFORMATION:

NAME: Warburg, Richard

REGISTRATION NUMBER: 32,327

REFERENCE/DOCKET NUMBER: 218/078

TELECOMMUNICATION INFORMATION:

TELEPHONE: (213) 489-1600

TELEFAX: (213) 955-0440

TELEFAX: 67-3510

INFORMATION FOR SEQ ID NO: 701:

SEQUENCE CHARACTERISTICS:

LENGTH: 15 base pairs

TYPE: nucleic acid

STRANDEDNESS: single

TOPOLOGY: linear

US-09-038-073-701

Alignment Scores:

pred. No. : 2.42e+03
Length: 15
Score: 14.00
Matches: 3
Percent Similarity: 100.00%
Best Local Similarity: 60.00%
Query Match: 100.00%
DB: 4
Gaps: 0

CLAIM29 (1-5) x US-09-038-073-701 (1-15)

Qy 1 LeuLeu*****Leu 5
Db 1 CGUCUCUUGUGUGUG 15

RESULT 33
US-09-038-073-702

Sequence 702, Application US/09038073

Patent No. 6194150

GENERAL INFORMATION:

APPLICANT: Stinchcomb, Daniel T.

APPLICANT: Jarvis, Thale

APPLICANT: McSwiggen, James

TITLE OF INVENTION: METHOD AND REAGENT FOR THE INDUCTION OF GRAFT TOLERANCE

TITLE OF INVENTION: INDUCTION OF GRAFT TOLERANCE

TITLE OF INVENTION: AND REVERSAL OF IMMUNE RESPONSES

NUMBER OF SEQUENCES: 2751

CORRESPONDENCE ADDRESS:

ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
STREET: Suite 4700

Patent No. 6194150

GENERAL INFORMATION:

US-09-038-073-701

Sequence 701, Application US/09038073

Patent No. 6194150

GENERAL INFORMATION:


```

TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 834:
SEQUENCE CHARACTERISTICS:
LENGTH: 15 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-09-038-073-834

Alignment Scores:
Pred. No.: 2.42e+03 Length: 15
Score: 14.00 Matches: 3
Percent Similarity: 100.008 Conservative: 2
Best Local Similarity: 60.008 Mismatches: 0
Query Match: 100.008 Indexes: 0
DB: 4 Gaps: 0

CLAIM29 (1-5) x US-09-038-073-834 (1-15)

Qy 1 LeuLeu*****Leu 5
  |||||:,:,:,:,:,:|||
Dc 15 CTTCTGAAACAGCTT 1

RESULT 36
US-09-163-485-13
Sequence 13, Application US/09163485
: Patent No. 6277571
: GENERAL INFORMATION:
: APPLICANT: FILLMORE, HELEN
: APPLICANT: BROADDUS, WILLIAM
: APPLICANT: GILLIES, GEORGE
: TITLE OF INVENTION: SEQUENTIAL CONSENSUS REGION-DIRECTED AMPLIFICATION OF
: TITLE OF INVENTION: KNOWN AND NOVEL MEMBERS OF GENE FAMILIES
: FILE REFERENCE: VCUP4B
: CURRENT APPLICATION NUMBER: US/09/163.485
: CURRENT FILING DATE: 1998-08-30
: NUMBER OF SEQ ID NOS: 32
: SOFTWARE: PatentIn Ver. 2.0
: SEQ ID NO 13
: LENGTH: 15
: TYPE: DNA
: ORGANISM: Artificial Sequence
: FEATURE:
: OTHER INFORMATION: Description of Artificial Sequence: Synthetic
: OTHER INFORMATION: DNA nucleotide, consensus sequence from human
: OTHER INFORMATION: matrix metalloproteinases
US-09-163-485-13

A' nent Scores:
P1 No.: 2.42e+03 Length: 15
Score: 14.00 Matches: 3
Percent Similarity: 100.008 Conservative: 2
Best Local Similarity: 60.008 Mismatches: 0
Query Match: 100.008 Indexes: 0
Dc: 4 Gaps: 0

CLAIM29 (1-5) x US-09-038-073-834 (1-15)

Qy 1 LeuLeu*****Leu 5
  |||||:,:,:,:,:,:|||
Dc 1 CTGCTGCTGCTGCTC 15

RESULT 37
US-09-163-485-14
Sequence 14, Application US/09163485
: Patent No. 6277571
: GENERAL INFORMATION:
: APPLICANT: FILLMORE, HELEN
: APPLICANT: BROADDUS, WILLIAM
: APPLICANT: GILLIES, GEORGE
: TITLE OF INVENTION: SEQUENTIAL CONSENSUS REGION-DIRECTED AMPLIFICATION OF
: TITLE OF INVENTION: KNOWN AND NOVEL MEMBERS OF GENE FAMILIES

```

Percent Similarity: 100.00%
Best Local Similarity: 60.00%
Query Match: 100.00%
DB: 4

CLAIM29 (1-5) x US-08-433-123-10 (1-15)

Qy 1 LeuLeu*****Leu 5
11111:::11111
Db 15 CTGCTGCCACTGCTC 1

RESULT 39

SEQUENCE 11. Application US/08433123

Patent No. 6,444,789

GENERAL INFORMATION:

APPLICANT: LUO, Shun
TITLE OF INVENTION: CD16-11 VARIANTS

NUMBER OF SEQUENCES: 25

CORESPONDENCE ADDRESS:

ADDRESSEE: BROWDY AND NEIMARK
STREET: 419 Seventh Street, N.W., Suite 300
CITY: Washington
STATE: D.C.
COUNTRY: USA

ZIP: 20004

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/433,123
FILING DATE: 2000-04-03
CLASSIFICATION: 514
ATTORNEY/AGENT INFORMATION:

NAME: BROWDY, Roger L.
REGISTRATION NUMBER: 25,618
REFERENCE/DOCKET NUMBER: LUO-2
TELECOMMUNICATION INFORMATION:

TELEPHONE: 202-737-5197
TELEFAX: 202-737-3528
TELELEX: 248633

INFORMATION FOR SEQ ID NO: 21:

SEQUENCE CHARACTERISTICS:

LENGTH: 15 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: cDNA

US-08-433-123-21

Alignment Scores:
Pred. No.: 2.42e+03
Score: 14.00
Percent Similarity: 100.00%
Best Local Similarity: 60.00%
Query Match: 100.00%
DB: 4

CLAIM29 (1-5) x US-08-433-123-21 (1-15)

Qy 1 LeuLeu*****Leu 5
11111:::11111
Db 1 CTGCTGCCACTGCTC 15

RESULT 41

SEQUENCE 11. Application US/08433123

US-08-433-123-22

Sequence 22. Application US/08433123

Patent No. 6,444,789

GENERAL INFORMATION:

APPLICANT: LUO, Shun
TITLE OF INVENTION: CD16-11 VARIANTS

NUMBER OF SEQUENCES: 25

CORESPONDENCE ADDRESS:

ADDRESSEE: BROWDY AND NEIMARK
STREET: 419 Seventh Street, N.W., Suite 300
CITY: Washington
STATE: D.C.
COUNTRY: USA

ZIP: 20004

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/433,123
FILING DATE:
CLASSIFICATION: 514
ATTORNEY/AGENT INFORMATION:

APPLICANT: LUO, Shun
TITLE OF INVENTION: CD16-11 VARIANTS

US-08-433-123-23

Sequence 21. Application US/08433123

Patent No. 6,444,789

GENERAL INFORMATION:

APPLICANT: LUO, Shun
TITLE OF INVENTION: CD16-11 VARIANTS

```

; TOPOLOGY: not relevant
; MOLECULE TYPE: DNA (genomic)
; US-08-598-591-74

Alignment Scores:
Pred. No.: 2.6e+03 Length: 16
Score: 14.00 Matches: 3
Percent Similarity: 100.00%
Best Local Similarity: 60.00%
Query Match: 100.00%
DB: 1 Gaps: 0

CLATM29 (1-5) x US-08-598-591-74 (1-16)

Qy 1 LeuLeu****Leu 5
    |||||:;:::|||
Db 16 CTCTCTGTGTCCT 2

RESULT 4.3
US-08-291-932A-779/C
Sequence 779, Application US/08291932A
; GENERAL INFORMATION:
; APPLICANT: Stinchcomb, Dan T.
; APPLICANT: Draper, Kenneth G.
; APPLICANT: McSwigan, James
; TITLE OF INVENTION: RIBOZYME TREATMENT OF
; DISEASES OR CONDITIONS RELATED TO LEVELS OF
; TITLE OF INVENTION: NF-KB
; NUMBER OF SEQUENCES: 830
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071-2066

COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
COMPUTER: IBM Compatible
; COMPUTER: IBM P.C. DOS 5.0
OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: Word Perfect 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/291,932A
; FILING DATE: August 15, 1994
; CLASSIFICATION: 514
; PRIORITY APPLICATION DATA: including application
; PRIORITY APPLICATION DATA: described below:
; APPLICATION NUMBER: 08/245,466
; FILING DATE: May 18, 1994
; APPLICATION NUMBER: 07/987,132
; FILING DATE: December 7, 1992
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard J.
; REGISTRATION NUMBER: 32,327
; SEQUENCE/DOCKET NUMBER: 208/157
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 779:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 16 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; US-08-291-932A-779

Alignment Scores:

```

Pred. No.: 2.6e+03 Length: 16
 Score: 14.00 Matches: 3
 Percent. Similarity: 100.00% Conservative: 2
 Best Local Similarity: 60.00% Mismatches: 0
 Query Match: 100.00% Indels: 0
 DB: 1 Gaps: 0

CLAIM29 (1-5) x US-08-291-932A-779 (1-16)

US-08-753-147-190 ; Sequence 190, Application US/08753147
 ; Patient No. 5770372 ;
 ; GENERAL INFORMATION:
 ; APPLICANT: Concanan, Patrick
 ; TITLE OF INVENTION: Detection of Mutations in the Human ATM Gene
 ; NUMBER OF SEQUENCES: 196
 ; CORRESPONDENCE ADDRESS:
 ; ADDRESSEE: Christensen O'Connor Johnson and Kindness
 ; STREET: 1420 5th Avenue
 ; CITY: Seattle
 ; STATE: Washington
 ; COUNTRY: USA
 ; ZIP: 98101-2347
 ; COMPUTER READABLE FORM:
 ; COMPUTER: IBM PC
 ; MEDIUM TYPE: Floppy disk
 ; OPERATING SYSTEM: PC-DOS/MS-DOS
 ; SOFTWARE: Patient Release #1.0, Version #1.30
 ; CURRENT APPLICATION DATA:
 ; APPLICATION NUMBER: US/08/753,147
 ; FILING DATE:
 ; CLASSIFICATION: 435
 ; ATTORNEY/AGENT INFORMATION:
 ; NAME: Sheiness, Diana K.
 ; REGISTRATION NUMBER: 35,156
 ; REFERENCE/DOCKET NUMBER: VMRC-1-9714
 ; TELECOMMUNICATION INFORMATION:
 ; TELEPHONE: (206) 743-3487
 ; TELEFAX: (206) 224-0779
 ; INFORMATION FOR SEQ ID NO: 190:
 ; SEQUENCE CHARACTERISTICS:
 ; LENGTH: 16 base pairs
 ; TYPE: nucleic acid
 ; STRANDEDNESS: double
 ; TOPOLOGY: linear
 ; MOLECULE TYPE: DNA (genomic)
 ; HYPOTHETICAL: NO
 ; ANTI-SENSE: NO
 ; ORIGINAL SOURCE:
 ; ORGANISM: Homo sapiens
 ; US-08-753-147-190

Alignment Scores: Pred. No.: 2.6e+03 Length: 16
 Score: 14.00 Matches: 3
 Percent. Similarity: 100.00% Conservative: 2
 Best Local Similarity: 60.00% Mismatches: 0
 Query Match: 100.00% Indels: 0
 DB: 1 Gaps: 0

CLAIM29 (1-5) x US-08-292-620A-1614 (1-16)

US-08-753-147-190 ; Sequence 190, Application US/08753147
 ; Patient No. 5770372 ;
 ; GENERAL INFORMATION:
 ; APPLICANT: Susan Grimm
 ; APPLICANT: Dan T. Stinchcomb
 ; APPLICANT: James McSwiggen
 ; APPLICANT: Sean Sullivan
 ; APPLICANT: Kenneth G. Draper
 ; TITLE OF INVENTION: RIBOVYME TREATMENT OF
 ; DISEASES OR CONDITIONS
 ; RELATED TO LEVELS OF
 ; INTRACELLULAR ADHESION
 ; TITLE OF INVENTION: MOLECULE-1 (1-CAM-1)
 ; NUMBER OF SEQUENCES: 1
 ; CORRESPONDENCE ADDRESS:
 ; ADDRESSEE: Lyon & Lyon
 ; STREET: 633 West Fifth Street
 ; STREET: Suite 4700
 ; CITY: Los Angeles
 ; STATE: California
 ; COUNTRY: U.S.A.
 ; ZIP: 90071-2066
 ; COMPUTER READABLE FORM:
 ; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
 ; MEDIUM TYPE: storage
 ; COMPUTER: IBM Compatible
 ; OPERATING SYSTEM: IBM P.C.; DOS 5.0
 ; SOFTWARE: Word Perfect 5.1
 ; CURRENT APPLICATION DATA:
 ; APPLICATION NUMBER: US/08/292-620A
 ; FILING DATE: August 17, 1994
 ; CLASSIFICATION: 435
 ; PRIOR APPLICATION DATA:
 ; PRIOR APPLICATION DATA: including application
 ; described below:
 ; APPLICATION NUMBER: 08/008,895
 ; FILING DATE: January 19, 1993
 ; APPLICATION NUMBER: 07/989,849
 ; FILING DATE: December 7, 1992
 ; ATTORNEY/AGENT INFORMATION:
 ; NAME: Warburg, Richard J.
 ; REGISTRATION NUMBER: 32,327
 ; REFERENCE/DOCKET NUMBER: 208/149
 ; TELECOMMUNICATION INFORMATION:
 ; TELEPHONE: (213) 489-1600
 ; TELEFAX: (213) 955-0440
 ; TELEX: 67-3510
 ; INFORMATION FOR SEQ ID NO: 1614:
 ; SEQUENCE CHARACTERISTICS:
 ; LENGTH: 16 base pairs
 ; TYPE: nucleic acid
 ; STRANDEDNESS: single
 ; TOPOLOGY: linear
 ; US-08-292-620A-1614

Alignment Scores: Pred. No.: 2.6e+03 Length: 16
 Score: 14.00 Matches: 3
 Percent. Similarity: 100.00% Conservative: 2
 Best Local Similarity: 60.00% Mismatches: 0
 Query Match: 100.00% Indels: 0
 DB: 2 Gaps: 0

CLAIM29 (1-5) x US-08-292-620A-1614 (1-16)

US-09-011-845-1614 ; Sequence 1614, Application US/09071845
 ; Patent No. 6132967

RESULT 46

Qy 1 LeuLeu*****Leu 5
 11111111111111111111
 Db 1 CUGUGCCUGGACUU 15

RESULT 45

Qy 1 LeuLeu*****Leu 5
 11111111111111111111
 Db 2 TTACTTGGCTGCTG 16

RESULT 44

GENERAL INFORMATION:

APPLICANT: Susan Grimm ; APPLICANT: Willison, Tracy
 APPLICANT: Dan T. Stinchcomb ; APPLICANT: Nicolla, Nicos A.
 APPLICANT: James McSwigan ; APPLICANT: Gainsford, Timothy S.
 APPLICANT: Sean Sullivan ; APPLICANT: Alexander, Warren S.
 APPLICANT: Kenneth G. Draper ; APPLICANT: Metcalf, Donald
 APPLICANT: Ng, Ashley ; APPLICANT: Metcalf, Donald
 TITLE OF INVENTION: RIBOSOME TREATMENT OF ; TITLE OF INVENTION: A NOVEL HAEMOPOIETIN RECEPTOR AND GENETIC SEQUENCES
 TITLE OF INVENTION: DISEASES OR CONDITIONS ; TITLE OF INVENTION: ENCODING SAME
 TITLE OF INVENTION: RELATED TO LEVELS OF ; FILE REFERENCE: 11268
 TITLE OF INVENTION: INTRACELLULAR ADHESION ; CURRENT APPLICATION NUMBER: US/09/043,816E
 TITLE OF INVENTION: MOLECULE-1 (1-CAM-1) ; CURRENT FILING DATE: 1998-09-17
 NUMBER OF SEQUENCES: 2390 ; NUMBER OF SEQ ID NOS: 44
 CORRESPONDENCE ADDRESS: ; SOFTWARE: PatentIn Ver. 2.0
 ADDRESSEE: Lyon & Lyon ; SEQ ID NO: 39
 STREET: 633 West Fifth Street ; LENGTH: 16
 STREET: Suite 4700 ; TYPE: DNA
 CITY: Los Angeles ; ORGANISM: Artificial Sequence
 STATE: California ; FEATURE:
 COUNTY: U.S.A. ; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
 ZIP: 90071-2066

COMPUTER READABLE FORM:

MEDIUM TYPE: 3.5" Diskette, 1.44 Mb ; Alignment Scores:
 MEDIUM TYPE: Storage ; Pred. No.: 2.6e+03
 COMPUTER: IBM Compatible ; Score: 14.00
 OPERATING SYSTEM: IBM P.C. DOS 5.0 ; Percent Similarity: 100.00%
 SOFTWARE: Word Perfect 5.1 ; Best Local Similarity: 100.00%
 CURRENT APPLICATION DATA: ; Mismatches: 0
 APPLICATION NUMBER: US/09/071,845 ; Indels: 0
 FILING DATE: ; Gaps: 0

CLASSIFICATION:

PRIOR APPLICATION DATA:

APPLICATION NUMBER: US/08/292,620 ; CLAIM29 (1-5) x US/09-043-816E-39 (1-16)
 FILING DATE: August 17, 1994 ;
 APPLICATION NUMBER: 08/008,895 ;
 FILING DATE: January 19, 1993 ;
 APPLICATION NUMBER: 07/989,849 ;
 FILING DATE: December 7, 1992 ;
 ATTORNEY/AGENT INFORMATION:
 NAME: Warburg, Richard J. ;
 REGISTRATION NUMBER: 32,327 ;
 REFERENCE/DOCKET NUMBER: 208/149 ;
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: (212) 489-1600 ;
 TELEFAX: (212) 955-0440 ;
 TELE: 67-3510 ;
 INFORMATION FOR SEQ ID NO: 1614 :
 SEQUENCE CHARACTERISTICS:
 LENGTH: 16 base pairs ;
 TYPE: nucleic acid
 STRANDEDNESS: single
 TOPOLOGY: linear

US-09-071-845-1614

Alignment Scores:
 Pred. No.: 2.6e+03 ; Length: 16
 Score: 14.00 ; Matches: 3
 Percent Similarity: 100.00% ; Conservative: 2
 Best Local Similarity: 100.00% ; Mismatches: 0
 Query Match: 3 ; Indels: 0
 DB: 0 ; Gaps: 0

CLAIM29 (1-5) x US/09-071-845-1614 (1-16)

Qy 1 LeuLeu****Leu 5 ;
 1|||||:||||| ;
 Db 1 CUGCUGGCCGACUU 15 ;

RESULT 47

US-09-043-816E-39 ; Sequence 39, Application US/09043816E
 Patent No. 614128 ;
 GENERAL INFORMATION:
 APPLICANT: Hilton, Douglas J.

GENERAL INFORMATION:

APPLICANT: ; APPLICANT: Willison, Tracy
 APPLICANT: ; APPLICANT: Nicolla, Nicos A.
 APPLICANT: ; APPLICANT: Gainsford, Timothy S.
 APPLICANT: ; APPLICANT: Alexander, Warren S.
 APPLICANT: ; APPLICANT: Metcalf, Donald
 APPLICANT: ; APPLICANT: Metcalf, Donald
 TITLE OF INVENTION: A NOVEL HAEMOPOIETIN RECEPTOR AND GENETIC SEQUENCES ; TITLE OF INVENTION: ENCODING SAME
 FILE REFERENCE: 11268 ; FILE REFERENCE: 11268
 CURRENT APPLICATION NUMBER: US/09/043,816E ; CURRENT APPLICATION NUMBER: US/09/043,816E
 CURRENT FILING DATE: 1998-09-17 ; CURRENT FILING DATE: 1998-09-17
 NUMBER OF SEQ ID NOS: 44 ; NUMBER OF SEQ ID NOS: 44
 SOFTWARE: PatentIn Ver. 2.0 ; SOFTWARE: PatentIn Ver. 2.0
 SEQ ID NO: 39 ; SEQ ID NO: 39

COMPUTER READABLE FORM:

Pred. No.: 2.6e+03 ; Length: 16
 Score: 14.00 ; Matches: 3
 Percent Similarity: 100.00% ; Conservative: 2
 Best Local Similarity: 100.00% ; Mismatches: 0
 Query Match: 4 ; Indels: 0
 DB: 0 ; Gaps: 0

RESULT 48

US-08-535-249-107/C ; Sequence 107, Application US/08535249
 ; Sequence 107, Application US/08535249
 ; Patent No. 6455689

GENERAL INFORMATION:

APPLICANT: Schlingensiepen, Georg-Ferdinand ;
 APPLICANT: Breytsch, Wolfgang ;
 APPLICANT: Schlingensiepen, Karl-Hermann ;
 APPLICANT: Schlingensiepen, Reimar ;
 APPLICANT: Bogdahn, Ulrich ;
 APPLICANT: Bogdahn, Ulrich ;
 TITLE OF INVENTION: Antisense-oligonucleotides for the treatment of ;
 NUMBER OF SEQUENCES: 1377 ;
 CORRESPONDENCE ADDRESS: ;
 ADDRESSEE: Jacobson, Price, Holman & Stern ;
 STREET: 400 Seventh St. N.W. ;
 CITY: Washington D.C. ;
 COUNTRY: U.S.A. ;
 ZIP: 20004

COMPUTER READABLE FORM:

APPLICANT: Schlingensiepen, Georg-Ferdinand ;
 COMPUTER: IBM PC compatible ;
 OPERATING SYSTEM: PC-DOS/MS-DOS ;
 SOFTWARE: PatentIn Release #1.0, Version #1.25 ;
 CURRENT APPLICATION DATA: ;
 APPLICATION NUMBER: US/08/535,249 ;
 FILING DATE: ;
 CLASSIFICATION: 514 ;
 PRIOR APPLICATION DATA: ;
 APPLICATION NUMBER: EP 93 107 089.0 ;
 FILING DATE: 30-APR-1993 ;
 PRIOR APPLICATION DATA: ;
 APPLICATION NUMBER: EP 93 107 849.7 ;
 FILING DATE: 13-MAY-1993 ;
 ATTORNEY/AGENT INFORMATION: ;
 NAME: Player, William E. ;
 REGISTRATION NUMBER: 31,409 ;
 REFERENCE/DOCKET NUMBER: 10577/P58418 ;

TELECOMMUNICATION INFORMATION:
 ; TELEPHONE: (202) 638-6666
 ; TELEFAX: (202) 393-5350
 ; TELFAX: RCA 245593 IDEAS UR
 ; INFORMATION FOR SEQ ID NO: 107:
 ; SEQUENCE CHARACTERISTICS:
 ; LENGTH: 16 base pairs
 ; TYPE: nucleic acid
 ; STRANDEDNESS: unknown
 ; TOPOLOGY: unknown
 ; MOLECULE TYPE: DNA (genomic)
 ; ANTI-SENSE: YES
 US-08-535-249-107

Alignment Scores:
 Pred. No.: 2.6e+03 Length: 16
 Score: 14.00 Matches: 3
 Percent Similarity: 100.00% Conservative: 2
 Br Local Similarity: 60.00% Best Local Similarity: 60.00%
 Q Match: 100.00% Mismatches: 0
 Db. Gaps: 0 Indels: 0

CLAIM29 (1-5) x US-08-535-249-107 (1-16)

Qy 1 LeuLeu*****Leu 5
 Qy 1 LeuLeu*****Leu 5
 Db 3 TTGCTCTCTCTCTCTG 17

RESULT 49

Sequence 29, Application US/08009263C
 ; Patent No. 5442049

RESULT 50

Sequence 37, Application US/08009263C
 ; Sequence 37, Application US/08009263C
 ; Patent No. 5442049

GENERAL INFORMATION:
 ; APPLICANT: Kevin Anderson, Kenneth Draper, Brenda Baker
 ; TITLE OF INVENTION: Oligonucleotides for Modulating the
 ; Effects of Cytomegalovirus Infections
 ; NUMBER OF SEQUENCES: 88

CORRESPONDENCE ADDRESS:
 ; ADDRESSEE: Woodcock Washburn Kurtz
 ; ADDRESS: Mackiewicz & No. 5442049ris
 ; STREET: One Liberty Place -- 46th floor
 ; CITY: Philadelphia
 ; STATE: PA
 ; COUNTRY: USA
 ; ZIP: 19103

COMPUTER READABLE FORM:
 ; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
 ; COMPUTER: IBM PS/2
 ; OPERATING SYSTEM: PC-DOS
 ; SOFTWARE: WORDPERFECT 5.1

CURRENT APPLICATION DATA:
 ; APPLICATION NUMBER: US/08/009/263C
 ; FILING DATE: January 25, 1993
 ; CLASSIFICATION: 514
 ; PRIORITY APPLICATION DATA:
 ; APPLICATION NUMBER: 927,506
 ; FILING DATE: No. 5442049ember 19, 1992
 ; ATTORNEY/AGENT INFORMATION:
 ; NAME: Jane Massey Licata
 ; REGISTRATION NUMBER: 32,257
 ; REFERENCE/DOCKET NUMBER: ISIS-0644

TELECOMMUNICATION INFORMATION:
 ; TELEPHONE: (215) 568-3100
 ; TELEFAX: (215) 568-3439
 ; INFORMATION FOR SEQ ID NO: 37:
 ; SEQUENCE CHARACTERISTICS:
 ; LENGTH: 17 base pairs
 ; TYPE: nucleic acid
 ; STRANDEDNESS: single
 ; TOPOLOGY: linear
 ; MOLECULE TYPE: DNA (genomic)
 ; HYPOTHETICAL: NO
 ; ANTI-SENSE: YES
 US-08-009-263C-37

Alignment Scores:
 Pred. No.: 2.78e+03 Length: 17
 Score: 14.00 Matches: 3
 Percent Similarity: 100.00% Conservative: 2
 Best Local Similarity: 60.00% Mismatches: 0
 Query Match: 100.00% Indels: 0
 Db. Gaps: 0

CLAIM29 (1-5) x US-08-009-263C-37 (1-17)

Qy 1 LeuLeu*****Leu 5
| | | | | : : : : | | |
| | | | | : : : : | | |
Db 1 TGGCTCTCTCTCTTG 15

Search completed: December 9, 2002, 18:35:55
Job time : 28.4286 secs

07/486, 14L

SAVY SAKEARIES

306-0284

Printed Date 01/20/1997

Y_1	Y_2	Y_3	Y_4	Y_5	Y_6	Y_7	Y_8	Y_9
0-12nt	Gly	Arg	Arg	SER or LYS	Any	Glu or Thr	Leu or A.A.	Asp

0-12nt	Gly	Arg	Arg	SER or LYS	Any	Glu or Thr	Leu or A.A.	Asp
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→ Regular Search all files
 → Length limited,
 Registry Search
 (100nt or less)
 → cross into caplus!
 → Please print
 alignments w/ min?

17. above without $Y_1 + Y_9$ $Y_2 - Y_5 - Y_6 - Y_7 - Y_8 - Y_9$
 $Y_2 - Y_3 - Y_4 - Y_5 - Arg - Ser - Ala - Glu$

18. Z_1 Z_2 Z_3 Z_4 Z_5 Z_6 Z_7
 1-12nt | Leu | Leu | ANY | ANY | Leu | 1-12nt
 or absent | or absent | A.A. | A.A. | or absent

19. GROUP of 29s

28. need to find: UKRJSE

Gly-Lys-Arg-Ser-Ala-glutamic
can't find "GKRSAE" w/ good date. : maybe find: Gln \rightarrow Asp (E \rightarrow D) + still Alanine OR
Gly-Lys-Arg-Ser-Ala-glutamic \rightarrow ILE(I), Val(V), or
+ glutamic stays

Ala = 6CU Ile = AUC Val = GUU Leu = UUA
6CC AUA GUU UUB
6CA GUU CUC CUU
6CG CUC CUC CUB

4/1/04